$720,000; Functional Testing: $120,000; On-site Testing Support; $480,000. This request is consistent with the intended and authorized purpose of the Department of Defense, Research, Development, Test and Evaluation, Navy account. The funding will be used to allow the electrical output of a new design generator with advanced shipboard architectures. Given that this request will be providing support to a federal agency, matching funds for this request is not required.

EARMARK DECLARATION

## HON. CHARLES W. DENT

OF PENNSYLVANIA

IN THE HOUSE OF REPRESENTATIVES

*Thursday, May 22, 2008*

Mr. DENT. Madam Speaker, I submit the following:

Requesting Member: Congressman CHARLES W. DENT.

Bill Number: H.R. 5658. National Defense Authorization Act for Fiscal Year 2009.

Account: Operation and Maintenance, Army.

Legal Name of Requesting Entity: ProModel Corporation.

Address of Requesting Entity: 7540 Windsor Drive, Allentown, PA 18195.

Description of Request: $2,000,000 is included to accelerate the deployment and enhance the current capabilities of the ProModel *Army Force Generation Synchronization Tool (AST)*. This technology enables the Army to capture the Army Force Generation Model (ARFORGEN) process in software, providing decision makers the ability to rapidly create Courses of Action and predict the impact of their decisions on key metrics such as Dwell and Boots on Ground. The ability through automation to run ''what ifs'' to assess risk on readiness is recognized as a key priority for the Army and Joint Forces.

Requesting Member: Congressman CHARLES W. DENT.

Bill Number: H.R. 5658, National Defense Authorization Act for Fiscal Year 2009.

Account: Research, Development, Test and Evaluation (RDTE), Army.

Legal Name of Requesting Entity: Neuromonics, Inc.

Address of Requesting Entity: 2810 Emrick Boulevard, Bethlehem, PA 18020.

Description of Request: $3,700,000 is included to support the Chronic Tinnitus Treatment Program—a breakthrough tinnitus treatment device (patented, FDA-cleared, and non-military clinically-tested) and program that is designed to interact, interrupt, and desensitize tinnitus disturbance for long-term benefit, especially in those suffering with chronic and severe tinnitus. The treatment program combines the use of acoustic stimulation with a structured program of counseling. The Army reports that tinnitus is among the top medical complaints of soldiers returning from OIF/OEF, particularly given the high incidence of Traumatic Brain Injury/mild Traumatic Brain Injury (TBI/mTBI). Until recently, no effective treatment program has existed to help individuals suffering with the effects of tinnitus. This funding will allow military researchers to implement the chronic tinnitus treatment program and develop important baseline data to determine the effectiveness, usefulness, and long-term benefit of the program for military servicemembers suffering with tinnitus.

Requesting Member: Congressman CHARLES W. DENT.

Bill Number: H.R. 5658, National Defense Authorization Act for Fiscal Year 2009.

Account: Research, Development, Test and Evaluation (RDTE), Air Force.

Legal Name of Requesting Entity: Morgan Advanced Ceramics, Inc.—Diamonex Products Division.

Address of Requesting Entity: 7331 William Avenue, Allentown, PA 18106.

Description of Request: $ 1,000,000 is included to develop High Temperature, High Energy-Density Capacitors by Stacked or Multilayer CVD Processes which will scale up capacitor manufacturing capability. Capacitors are a pervasive technology in military and commercial applications. Millions are currently used in military systems and often fail due to increasing environmental temperatures and low reliability. Improved capacitor performance and smaller size have been the focus of research in diamond-like carbon (DLC) dielectrics by the Air Force Research Laboratory (AFRL). Morgan Advanced Ceramics has developed and tested proprietary dielectric, thin film coatings that have demonstrated the required dielectric properties. The technology utilizes semiconductor processing to produce multilayer capacitors that are 4 to 10 times smaller and lighter than the polymer-based capacitors currently in use by the military.

Requesting Member: Congressman CHARLES W. DENT.

Bill Number: H.R. 5658, National Defense Authorization Act for Fiscal Year 2009.

Account: Research, Development, Test and Evaluation (RDTE), Army.

Legal Name of Requesting Entity: Edmund Optics, Inc.

Address of Requesting Entity: 601 Montgomery Avenue. Pennsburg, PA 18073.

Description of Request: $2,900.000 is included to advance Precision Molding Manufacturing Technology for InfraRed Aspheric Optics. Infrared imaging technology is integrated in missile guidance, airborne reconnaissance, and situation awareness for soldiers, police, and firefighters. It presents the only viable solution for sight in total darkness, dense fog and smoke. This technology enables the armed forces to detect and identify threats, then engage and defeat the enemy at a safe distance. Production techniques for aspheric optics have limitations, as current solutions are either low-cost or high-performance but not both. Similarly, aspheres in thermal applications are produced using expensive machining techniques and costly raw materials. Molding, an alternative production technique, is the only feasible means to generate cost-effective precision infrared aspheric lenses. It is critical to shift infrared optics production from expensive machining to cost-effective precision molding.

EARMARK DECLARATION

## HON. JOHN SHIMKUS

OF ILLINOIS

IN THE HOUSE OF REPRESENTATIVES

*Thursday, May 22, 2008*

Mr. SHIMKUS. Madam Speaker, I submit the following:

Requesting Member: Rep. JOHN M. SHIMKUS (IL–19).

Bill Number: HR 5658.

Account: US Air Force Unfunded Requirements List C–40D Procurement Line 58.

Legal Name of Requesting Entity: US Air Force, 932nd Airlift Wing.

Address of Requesting Entity: Scott Air Force Base, IL 62225.

Description of Request: The $88 million is included in the bill to procure new C40D aircraft stationed at Scott AFB, Illinois. This new aircraft will allow US Air Force to be able to support cargo, passenger, humanitarian, Homeland Defense, and emergency relief requirements of the 932nd Airlift Wing.

Matching funds: This is a full federally funded project for the US Air Force.

EARMARK DECLARATION

## HON. K. MICHAEL CONAWAY

OF TEXAS

IN THE HOUSE OF REPRESENTATIVES

*Thursday, May 22, 2008*

Mr. CONAWAY. Madam Speaker, consistent with the Republican Leadership's policy on earmarks, I submit this statement for the CONGRESSIONAL RECORD.

Requesting Member: Congressman K. MICHAEL CONAWAY.

Bill Number: H.R. 5658.

Account: Army, RDT&E.

Legal Name of Requesting Entity: Texas Tech University.

Address of Requesting Entity: 19th and University, Lubbock, Texas 79409.

Description of Request: Provide $4,000,000 to Texas Tech University to research the use of Compact Pulsed Power as a scientific base for integrating electrical weapons systems onto all-electric combat vehicles. Compact Pulsed Power is the use of targeted electromagnetic radiation to disable electronic devices such as cell phones. Initial research indicates that compact pulsed power technology could be beneficial to the Department of Defense by being able to disable Improvised Explosive Devices used in Iraq and Afghanistan. Texas Tech has developed the technology but needs to field test it in order to deploy it with troops on the ground. An existing lightly armored vehicle such as a HMMWV will be modified to an all-electric platform with an integrated fuel cell and auxiliary battery pack. Two or three types of electric weapon systems (high power microwave (HPM) generator, hypervelocity rail gun, and/or high power laser) will be integrated into the platform. Individually each of these systems is quite complex and the combination of any two of these systems will increase the integration problem exponentially. The information gained from this research could be significant in furthering the nation's defense capabilities.

Requesting Member: Congressman K. MICHAEL CONAWAY.

Bill Number: H.R. 5658.

Account: Army, RDT&E.

Legal Name of Requesting Entity: Zebra Imaging.

Address of Requesting Entity: 9801 Metric Blvd., Suite 200, Austin, Texas 78758.

Description of Request: Provide $2,800,000 in funding to complete the final phase of a three-year development program to provide a field-deployable version of the Enhanced Holographic Imager (EHI) system. The holographic